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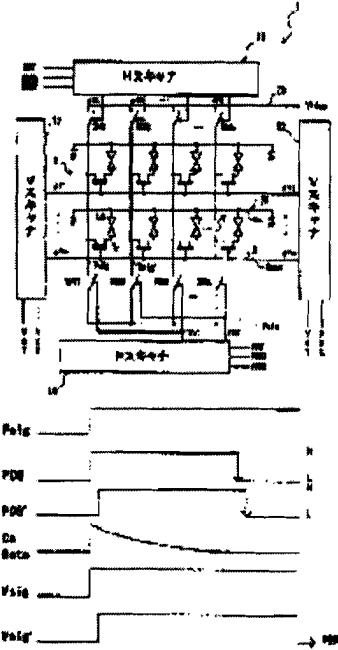
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(54) ACTIVE MATRIX DISPLAY DEVICE AND ITS DRIVING METHOD

(57) Abstract:

PROBLEM TO BE SOLVED: To provide an active matrix display device and its driving method in which voltage of pre-charge signals charged and discharged to/from each signal line can be uniformized even if phases of pre-charge signals are deviated.

SOLUTION: In an active matrix display device, pre-charge pulses PCG, PCG' are outputted from a pre-charge circuit 14, when a pre-charge signal Psig is supplied to a corresponding signal line Y, such so-called 'fluctuation' phenomenon is caused that voltage Gate of a gate line X and voltage Cs of an opposed electrode line 25 are once boosted, after that, voltage is attenuated gradually. As pulse width of pre-charge pulses PCG, PCG' are set fully longer than an attenuation time of the 'fluctuation' phenomenon, even if deviation of phases of pre-charge pulses PCG, PCG' occurs, as the voltage Gate and voltage Cs of the opposed electrode line 25 are fully attenuated at the last, voltage Vsig, Vsig' of each signal line Y pre-charged are equalized to voltage of the pre-charge signal Psig.



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